

IN THE SPECIFICATION

Please amend the paragraph beginning at page 10, line 4 as follows:

FIG. 7 illustrates an eleven element reduced size catadioptric immersion objective with a 1.1 NA in accordance with the present design, corrected over a bandwidth from 266 to 800 nm and having a field size of approximately ~~0.150~~ 0.100 mm;

Please replace the two paragraphs beginning at page 10, line 20, with the following:

FIG. 11 is a “figure 4” mirror arrangement for use with the varifocal imaging system;[[.]]

FIG. 12 is a “trombone” type mirror arrangement for use with the varifocal imaging system; and[[.]]

FIG. 13 conceptually represents use of an objective in a flange in a microscope.

Please replace the paragraph beginning at page 13, line 24, with the following:

Small objectives are also desirable, as small objectives can be used in combination with standard microscope objectives and physically fit within standard microscope turrets. The standard objective flange-to-object distance is in the range of 45mm. A conceptual drawing (not to scale) of an objective 1301, a flange 1302, and a microscope 1303 is illustrated in FIG. 13, where the flange in the aforementioned situation is approximately 45 mm from specimen 1304. The available catadioptric objectives frequently cannot satisfy this requirement, so special microscope systems can be employed having an objective flange-to-object distance in excess of 60 mm and having lens diameters greater than 60 mm.